



SILLIMAN UNIVERSITY
DUMAGUETE CITY
School/College:
Program Name:
Curriculum Year:

SILLIMAN UNIVERSITY / COLLEGE OF ARTS AND SCIENCES
AB PHYSICS
2018-2019

(Subject Code must be in Odd Numbers)



First Semester

Subject code should start with ex. number 11.

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Ed 11	The Child & Adolescent Learner & Learning Principles	3		3	
FS 1	Learners Dev't & Environment	1		1	
Ed 31	Technology for Teaching & Learning 1	3		3	
FS 3	Technology in Learning Environment	1		1	
Ed 33	Assessment of Learning 1	3		3	
Ed 35	Facilitating Learner-Centered Teaching & Lrng.	3		3	
FS 2	Experiencing Tchng-Learning Process	1		1	
Ed 59	The Teaching Profession	3		3	
FS 6	On Becoming a Teacher	1		1	
NSTP 1	National Service Training Program	3		3	
PE 1	Physical Fitness and Swimming	2		2	
TOTAL:					24

(Subject Code must be in Even Numbers)



FIRST YEAR

Second Semester

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Ed 12	Bldg. & Enhancing Literacy Skills Across the Curriculum	3		3	
Ed 32	Foundations of Special & Inclusive Education	3		3	
Ed 34	Assessment of Learning 2	3		3	Ed 33
FS 5	Learning Assessment Strategies	1		1	
Ed 36	The Teacher & the School Curriculum	3		3	
FS 4	Exploring the Curriculum	1		1	
Ed 62	Teacher & the Community, School Culture & Organizational Leadership	3		3	
Ed 76	Student Teaching in HS – Off Campus	6		6	
NSTP 2	National Service Training Program	3		3	NSTP 1
PE 2	Physical Education	2		2	PE 1
TOTAL:					28

Subject code should start with ex. number

First Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
GE 1	Understanding the Self	3		3	
GE 2	Reading in the Philippine History	3		3	
GE 3	The Contemporary World	3		3	
GE 4	Mathematics in the Modern World	3		3	
GE 5	Purposive Communication	3		3	
CHS 1	Reading and Interpreting Hebrew Scriptures	3		3	
Phys 5	Basic Meteorology	3	2	5	SHS Pre-Cal & Basic Cal
PE 3	Physical Education	2		2	PE 2
GE 10	Retorika: Ang Sining ng Pagpapahayag	3		3	
TOTAL:					28

Subject code should start with ex. number 33.

First Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Phys 1	Selected Topics in Mechanics. Acoustic, & Thermodynamics	3	1	4	Phys 1 & 2 SHS
Phys 3	Computational Physics 1	3		3	
Phys 6	Geophysics	3	2	5	
Phys 9	Mathematical Physics 1	6		6	SHS Phys 2 & Pre. Cal.
Math 23	Calculus 1	5		5	
TOTAL:					23

SECOND YEAR

Second Semester

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
GE 6	Art Appreciation	3		3	
GE 7	Science, Technology, and Society	3		3	
GE 8	Ethics	3		3	
GE 9	The Life and Works of Jose Rizal	3		3	
GE 11	Panitikan	3		3	GE 10
CHS 2	Reading and Interpreting Christian Scriptures	3		3	CHS 1
Phys 7	Basic Astronomy	3	2	5	
PE 4	Physical Education	2		2	PE 3
GE12 / CHS 3	Christianity and Peace-Building	3		3	
TOTAL:					28

THIRD YEAR

Second Semester

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Phys 2	Selected Topics in Electricity, Optics. & Modern Physics	3	1	4	Phys 1
Phys 4	Computational Physics 2	3		3	Phys 3
Phys 10	Mathematical Physics 2	6		6	Phys 9
Math 24	Calculus 2	5		5	Math 23
Phys 8	Biophysics	3	2	5	
TOTAL:					23

FOURTH YEAR

First Semester

Second Semester

Subject code should start
with ex. number 44.

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Phys 11	Theoretical Mechanics 1	3		3	SHS Phys 2 & Basic Cal.
Phys 13	Optics	3	2	5	SHS Phys 2 & Basic Cal.
Phys 17	Electromagnetic Theory 1	3	1	4	SHS Phys 2 & Basic Cal.
Phys 21	Modern Physics 1	3	1	4	SHS Phys 2 & Basic Cal.
Math 31	Calculus 3	5		5	
TOTAL:					21

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Phys 12	Theoretical Mechanics 2	3		3	Phys 11
Phys 14	Special Topics	3		3	
Phys 18	Electromagnetic Theory 2	3	1	4	Phys 17
Phys 22	Modern Physics 2	3	1	4	Phys 21
Math 33	Differential Equations	3		3	
TOTAL:					17

Total credits:

192

Note: Admission Requirements; All strands will be accepted/admitted

Augmentation Learning Activities

Subjects	Units	Schedule Offering
Phys 00	6	
Earth Science 00	3	
DRRR 00	3	

Summary of Curriculum Components

		Units
General Education Subjects		36
Major Subjects		112
Major Electives		
Cognate Subjects		18
Practicum/Thesis/OJT		6
NSTP		6
PE		8
Institutional Required Subjects		6
Total credit units		192

Admission Requirements/Policy for incoming 1st year:

1. The Physics Department observes the Open Admission, Selective Retention Policy in its curricular offering.

Submitted by: **Prof. Francsico E. Ablong, Jr.**
Chairman, Physics Department